630000.000000 633000.000000 636000.000000

6230000.000000

6228000.000000

N

104 km

105 km

Site C Dam

106 km

107 km

108 km

109 km

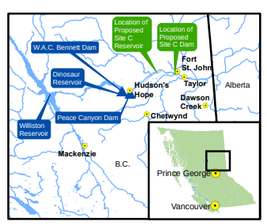
110 km

111 km

112 km

OLD FORT

bing



Map Notes:
1. Base Map: (C) Microsoft Bing Maps.
2. Coordinate System: NAD 1983 UTM Zone 10N.
3. This figure is produced at a nominal scale of 1:20,000 for 11x17 (tabloid) paper. Actual scale may differ according to changes in printer settings or printed paper size.
4. Critical Shear Stress calculated from Shield's function assuming $\Theta = 0.045$ except between chainage 106.5 km and 107.5 km where $\Theta = 0.038$.
5. Shear stress data provided by Site C Integrated Engineering team from 2D Hydrodynamic Model results (River 2D).

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Legend

- City/District Municipality
- Proposed Site C Dam Location
- BC Hydro River Chainage (1 km Intervals)
- Critical Shear Stress Exceeded
- Proposed Reservoir
- Dam Structure

1:20,000 0 1 km

SITE C CLEAN ENERGY PROJECT

BC hydro Knight Piésold CONSULTING

Figure 11.8.7
Competence assessment – operation flow = 4,000 m^3/s

Date	December 10, 2012	DWG NO	1016-C14-B5441	R 0

Construction of the Site C Clean Energy Project is subject to required regulatory approvals including environmental certification